



<div><div><div>NRC FORM 540</div><div>(01-2017)</div></div><div></div><div><div>U.S. NUCLEAR REGULATORY COMMISSION</div><div>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER</div></div></div> <div>Instructions: See NUREG/BR-0204 for detailed instructions for completing this form: http://www.nrc.gov/reading-rm/doc-collections/nuregs/brochures/br0204/</div>		<div>5. SHIPPER - NAME AND FACILITY</div> <div>US EPA Region 6-Lowerline Site 1201 Elm Street, Suite 500 Dallas, TX 75270</div>			<div>SHIPPER I.D. NUMBER</div> <div><div><input type="checkbox"/> COLLECTOR</div><div><input type="checkbox"/> PROCESSOR</div><div><input checked="" type="checkbox"/> GENERATOR TYPE <i>(Specify)</i></div></div> <div>I</div>		<div>7. NRC FORM 540 AND 540A PAGE 1 OF <div>1</div> PAGE(S)</div> <div>NRC FORM 541 AND 541A <div>1</div> PAGE(S)</div> <div>NRC FORM 542 AND 542A _____ PAGE(S)</div> <div>ADDITIONAL INFORMATION _____ PAGE(S)</div>			<div>8. MANIFEST NUMBER (Use this number on all continuation pages)</div> <div>TSDF-9001-003</div>		
<div>1. EMERGENCY TELEPHONE NUMBER <i>(Include Area Code)</i></div> <div>(800) 424-9300 Chemtrec: CCN:836848</div>		<div>USER PERMIT NUMBER</div> <div>SHIPMENT NUMBER</div> <div>SR-2415-0006</div>			<div>CONTACT</div> <div>Greg Fife (SEDEC)</div>			<div>9. CONSIGNEE - Name and Facility Address</div> <div>Waste Control Specialists LLC TSD Facility 9998 W. State Hwy 176 Andrews, Texas 79714</div>			<div>CONTACT</div> <div>Keri Gonzalez</div>	
<div>ORGANIZATION</div> <div>US EPA Region 6</div>		<div>6. CARRIER - Name and Address</div> <div>Basin Transport 130 Express Lane McAlester, OK 74501</div>			<div>TELEPHONE NUMBER <i>(Include Area Code)</i></div> <div>(214) 665-6773</div>		<div>EPA I.D. NUMBER</div> <div>OKR000031492</div>		<div>SHIPPING DATE</div>			
<div>2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?</div> <div><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div>		<div>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</div> <div>1</div>			<div>CONTACT</div> <div>Randy Turpin</div>			<div>TELEPHONE NUMBER <i>(Include Area Code)</i></div> <div>(918) 558-2986</div>		<div>10. CERTIFICATION</div> <div>This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.</div>		
<div>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</div> <div>If "Yes," provide Manifest Number <input checked="" type="checkbox"/> NO</div>		<div>EPA MANIFEST NUMBER</div>			<div>SIGNATURE - Authorized carrier acknowledging waste receipt</div>		<div>DATE</div>		<div>AUTHORIZED SIGNATURE</div>		<div>TITLE</div>	<div>DATE</div>
<div>11. U. S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)</div>		<div>12. DOT LABEL "RADIOACTIVE"</div>	<div>13. TRANSPORT INDEX</div>	<div>14. PHYSICAL AND CHEMICAL FORM</div>	<div>15. INDIVIDUAL RADIONUCLIDES</div>			<div>16. TOTAL PACKAGE ACTIVITY IN SI UNITS</div>	<div>17. LSA/SCO CLASS</div>	<div>18. TOTAL WEIGHT OR VOLUME <i>(Use appropriate units)</i></div>	<div>19. IDENTIFICATION NUMBER OF PACKAGE</div>	
Radioactive Waste (Non-DOT Hazardous) 1 Metal Box (Waste Profile: WP-9001)		N/A	N/A	Solid/Metal Oxides	Ra-226	Pb-210	Pb-214	4.54E+02 MBq (1.23E+01 mCi)	N/A	14,288.16 Kg (31,500lbs)	SRRU 002025	
					Bi-214	K-40						
FOR CONSIGNEE USE ONLY												

NRC FORM 541
(01-2017)

U.S. NUCLEAR REGULATORY COMMISSION



**UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST
CONTAINER AND WASTE DESCRIPTION**

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

Instructions: See NUREG/BR-0204 for detailed instructions for completing this form:
<http://www.nrc.gov/reading-rm/doc-collections/nuregs/brochures/br0204/>

1. MANIFEST TOTALS						
NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME (m ³)	NET WASTE WEIGHT (kg)	SPECIAL NUCLEAR MATERIAL (grams)			
			U-233	U-235	Pu	TOTAL
1	6.88	10886.2	NP	NP	NP	NP
ACTIVITY (MBq)						SOURCE (kg)
ALL NUCLIDES		TRITIUM	C-14	Tc-99	I-129	
2.43E+01		NP	NP	NP	NP	NP

2. MANIFEST NUMBER
TSDF-9001-003

3. PAGE 1 OF 1 PAGE(S)

4. SHIPPER NAME
US EPA Region 6

SHIPPER I.D. NUMBER

[illegible]

WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER							16.
PHYSICAL DESCRIPTION			14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION		WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C
11. WASTE DESCRIPTION (See Note 2)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3)	13. SORBENT SOLIDIFICATION, STABILIZATION, MEDIA (See Note 3)	CHEMICAL FORM/ CHELATING AGENT	WEIGHT % CHELATING AGENT IF > 0.1%	INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL; OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT		
22	6.88	100	Metal Oxide	NP	Pb-210: 413 pCi/g; 4.50E+00 mCi; (1.66E+02 MBq)	Ra-226: 311 pCi/g; 3.39E+00 mCi; (1.25E+2 MBq)	A U
					Pb-214: 221 pCi/g; 2.41E+00 mCi; (8.90E+1 MBq)	Bi-214: 182 pCi/g; 1.98 E+00 mCi; (7.33E+1 MBq)	
					U-235: 0.51 pCi/g; 5.45E-03 mCi; (2.02E-1MBq); 2.48E-03 Kg source		

NOTE 1: Container Description Codes. For containers/ waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP."

- | | |
|-------------------------------|--|
| 1. Wooden Box or Crate | 9. Demineralizer |
| 2. Metal Box | 10. Gas Cylinder |
| 3. Plastic Drum or Pail | 11. Bulk Unpackaged Waste |
| 4. Metal Drum or Pail | 12. Unpackaged Component |
| 5. Metal Tank or Liner | 13. High Integrity Container |
| 6. Concrete Tank or Liner | 19. Other. Describe in item 6 or additional page |
| 7. Polyethylene Tank or Liner | |
| 8. Fiberglass Tank or Liner | |

NOTE 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.

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|----------------------------|----------------------------------|--|
| 20. Charcoal | 29. Demolition Rubble | 38. Evaporator Bottoms/Sludges/Concentrates |
| 21. Incinerator Ash | 30. Cation Ion-exchange Media | 39. Compactible Trash |
| 22. Soil | 31. Anion Ion-exchange Media | 40. Noncompactible Trash |
| 23. Gas | 32. Mixed Bed Ion-exchange Media | 41. Animal Carcass |
| 24. Oil | 33. Contaminated Equipment | 42. Biological Material (except animal carcasses) |
| 25. Aqueous Liquid | 34. Organic Liquid (except oil) | 43. Activated Material |
| 26. Filter Media | 35. Glassware or Labware | 59. Other. Describe in item 11, or additional page |
| 27. Mechanical Filter | 36. Sealed Source/Device | |
| 28. EPA or State Hazardous | 37. Paint or Plating | |

NOTE 3: For solidification media that meet disposal site structural stability requirements, the numerical code must be followed by "-S." For all solidification media, the vendor (manufacturer) and brand name must also be identified in item 13. Code 100=NONE REQUIRED

Sorption

- | | | |
|-----------------------------|------------------|--------------------|
| 60. Speedi Dri | 64. Safe T Sorb | 69. Chemsil 30 |
| 61. Celetom | 65. Safe N Dri | 70. Chemsil 50 |
| 62. Floor Dry/
Superfine | 66. Florco | 71. Chemsil 3030 |
| 63. Hi Dri | 67. Florco X | 72. Dicaperl HP200 |
| | 68. Solid A Sorb | 73. Dicaperl HP500 |

Solidification

- | | | |
|-------------|--------------------|-------------------------|
| 89. Other. | 90. Cement | 94. Vinyl Ester Styrene |
| Describe in | 91. Concrete | 99. Other. Describe |
| item 13, or | (encapsulation) | in item 13, or |
| additional | 92. Bitumen | additional page |
| page | 93. Vinyl Chloride | 100. None Required |